

**293H Cells Transfected with  
Anti-Ataxin1 Ribozyme (A1364A)  
and Anti-ataxin siRNA (AT0945)**

picoGrams per microGram of RNA							
.727	.606	.505	.404	.303	.202	.135	.090
418	370	364	256	248	208	157	123
301	318	317	292	314	368	366	349

Numbers above and below bands are densitometry readings

picoGrams per microGram of RNA							
.727	.606	.505	.404	.303	.202	.135	.090
492	429	335	173	287	196	159	120
274	260	216	167	269	265	283	288

FIG. 1

**293H Cells Transfected with Control siRNA (GAPDH)  
and Anti-ataxin siRNA (AT1671)**

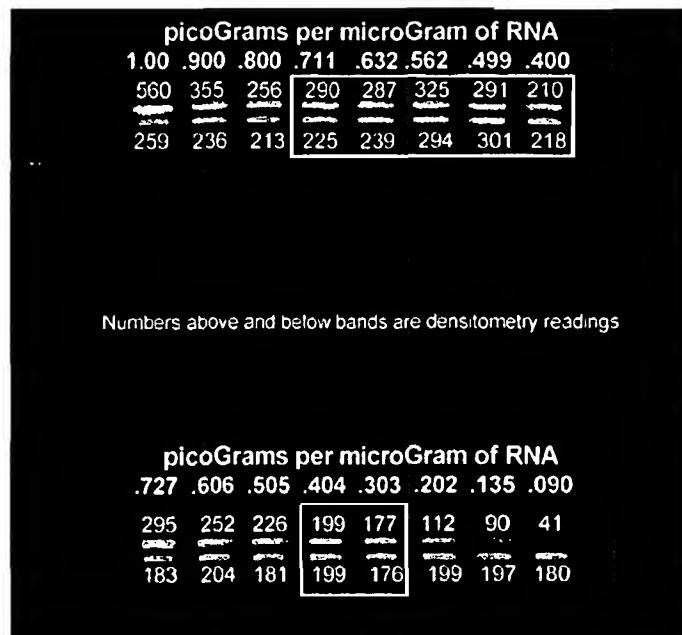


FIG. 2

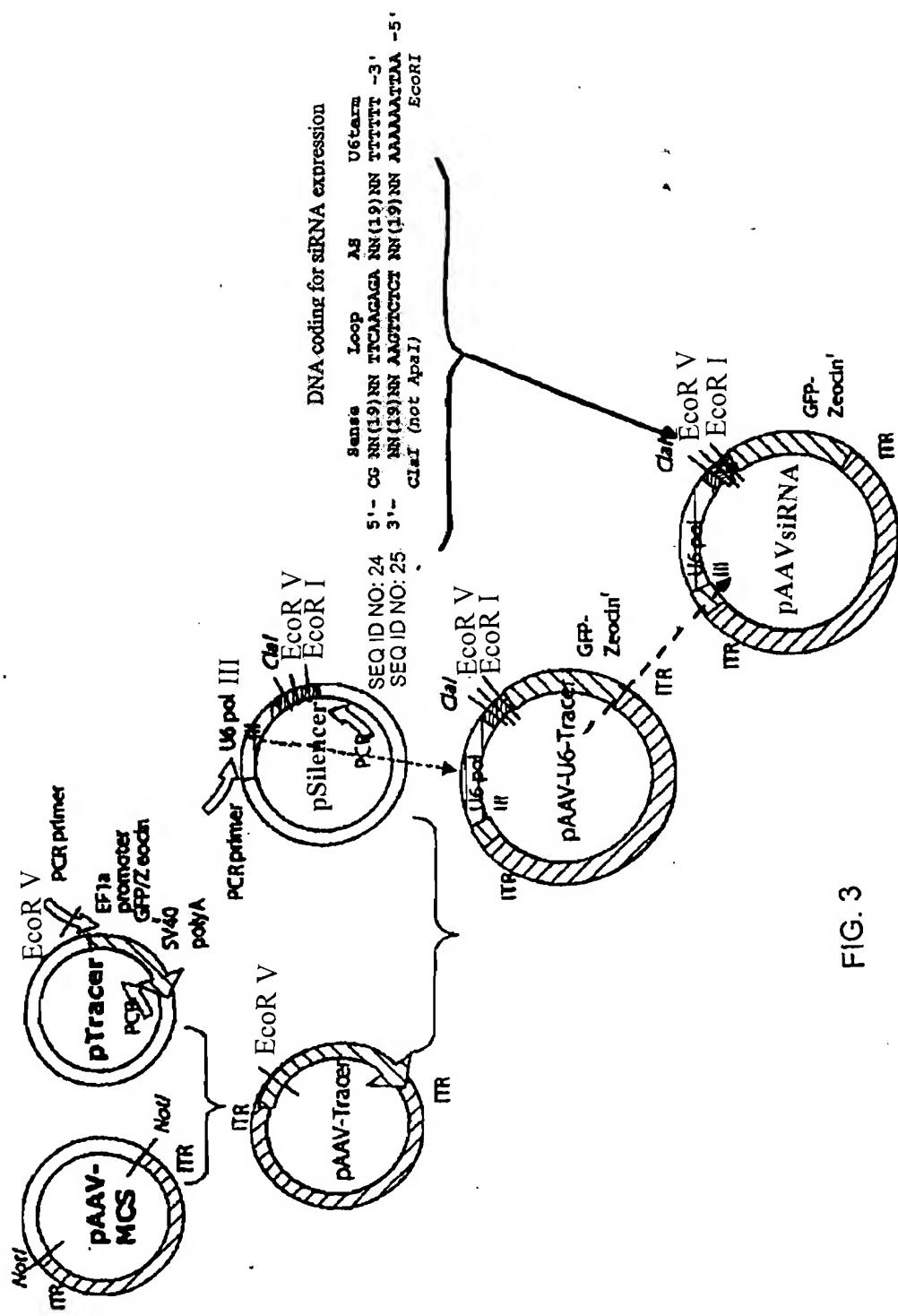


FIG. 3

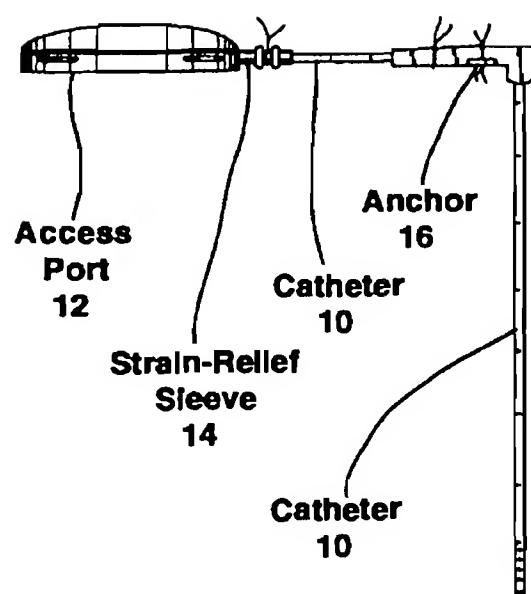


FIG. 4

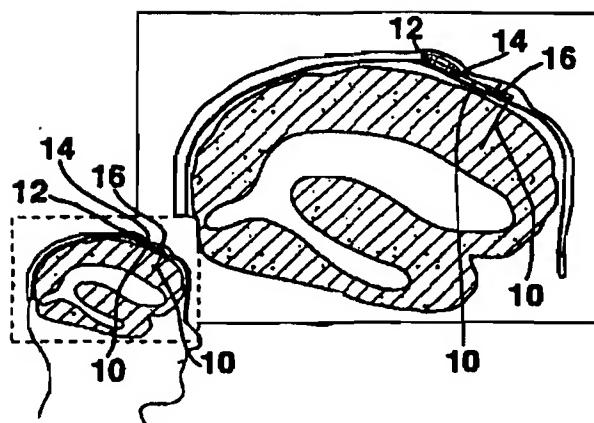


FIG. 5

### Small interfering RNA Treatment of Neurodegenerative Diseases

Disease	Location	Gene Product
Parkinson's Disease	Sub Nigra	alpha-synuclein
Alzheimer's Disease	Basalis of Meynert Cerebral Cortex	BACE1 (including variants thereof, e.g. variants A, B, C, and D)
Huntington's Disease	Striatum: Caudate Nucleus Putamen	Huntingtin IT15
Spinocerebellar Ataxia Type 1 Type 2 Type 3 (Machado Joseph)	Deep Cerebellar Nuclei: Dentate nucleus Emboliform nucleus Globbose nucleus Fastigial nucleus  Cerebellar cortex	Ataxin 1 Ataxin 2 Ataxin 3
Dentatorubral-pallidoluysian atrophy	Red Nucleus Globose Pilibus	Atrophin 1

FIG. 6